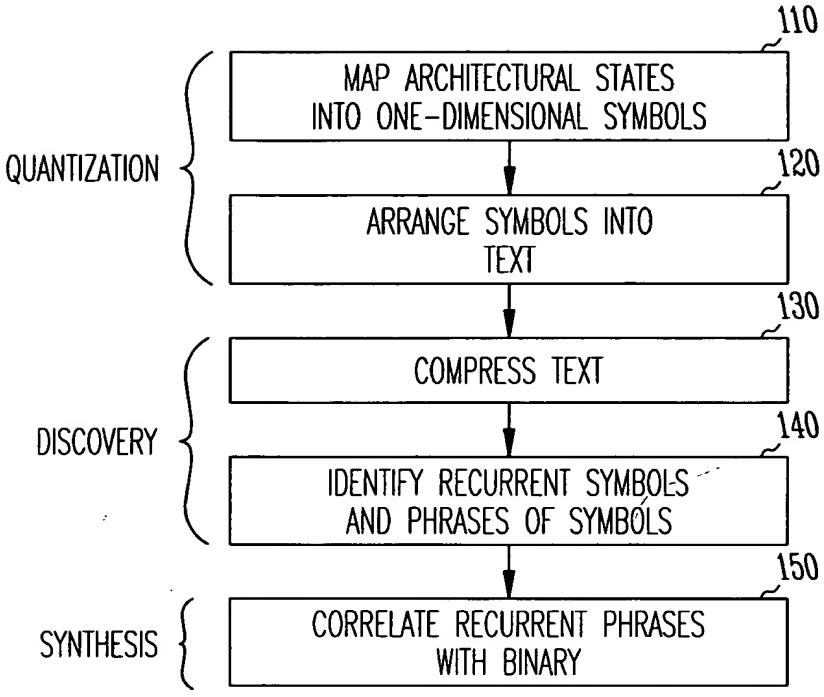

Fig. 1

200

```
.data1 5,5,5,5 ——202
.data2 6,6,6,6 ——204

  MOV data1 R2 ——206
LOOP1:  MOV 4,R1 ——208
LOOP2:  LD (R2),R3 ——210
  ADD R3,1,R4 ——212
  ADD R3,1,R3 ——214
  SUB R1,1,R1 ——216
  BN2 R1,LOOP2 ——218
  MOV data2,R2 ——220
  BR COND LOOP1 ——222
```

Fig. 2

	VECTOR	SYMBOL
302	MOV data1 R2	0
304	MOV 4 R1	1
306	LD (R2) R3	2
	ADD R3,1 R4	3
	ADD R3,1,R3	4
308	SUB R1,1,R1	5
	BN2 R1, LOOP2	6
310	LD (R2),R3	2
	ADD R3,1,R4	3
	ADD R3,1,R3	4
312	SUB R1,1,R1	7
	BN2 R1,LOOP2	8
314	LD (R2),R3	2
	ADD R3,1,R4	3
	ADD R3,1,R3	4
316	SUB R1,1,R1	9
	BN2 R1 LOOP2	10
318	LD (R2),R3	2
	ADD R3,1,R4	3
	ADD R3,1,R3	4
320	SUB R1,1,R1	11
	BN2 R1 LOOP2	12
322	MOV data2,R2	13
324	BR COND LOOP1	14

Fig. 3A

	VECTOR	SYMBOL
354	MOV 4, R1	1
356	LD (R2),R3	15
	ADD R3,1,R4	16
	ADD R3,1,R3	17
358	SUB R1,1,R1	5
	BN2 R1,LOOP2	6
360	LD (R2),R3	15
	ADD R3,1,R4	16
	ADD R3,1 R3	17
362	SUB R1,1,R1	7
	BN2 R1,LOOP2	8
364	LD (R2),R3	15
	ADD R3,1,R4	16
	ADD R3,1 R3	17
366	SUB R1,1,R1	9
	BN2 R1,LOOP2	10
368	LD (R2),R3	15
	ADD R3,1,R4	16
	ADD R3,1,R3	17
370	SUB R1,1,R1	11
	BN2 R1,LOOP2	12

Fig. 3B

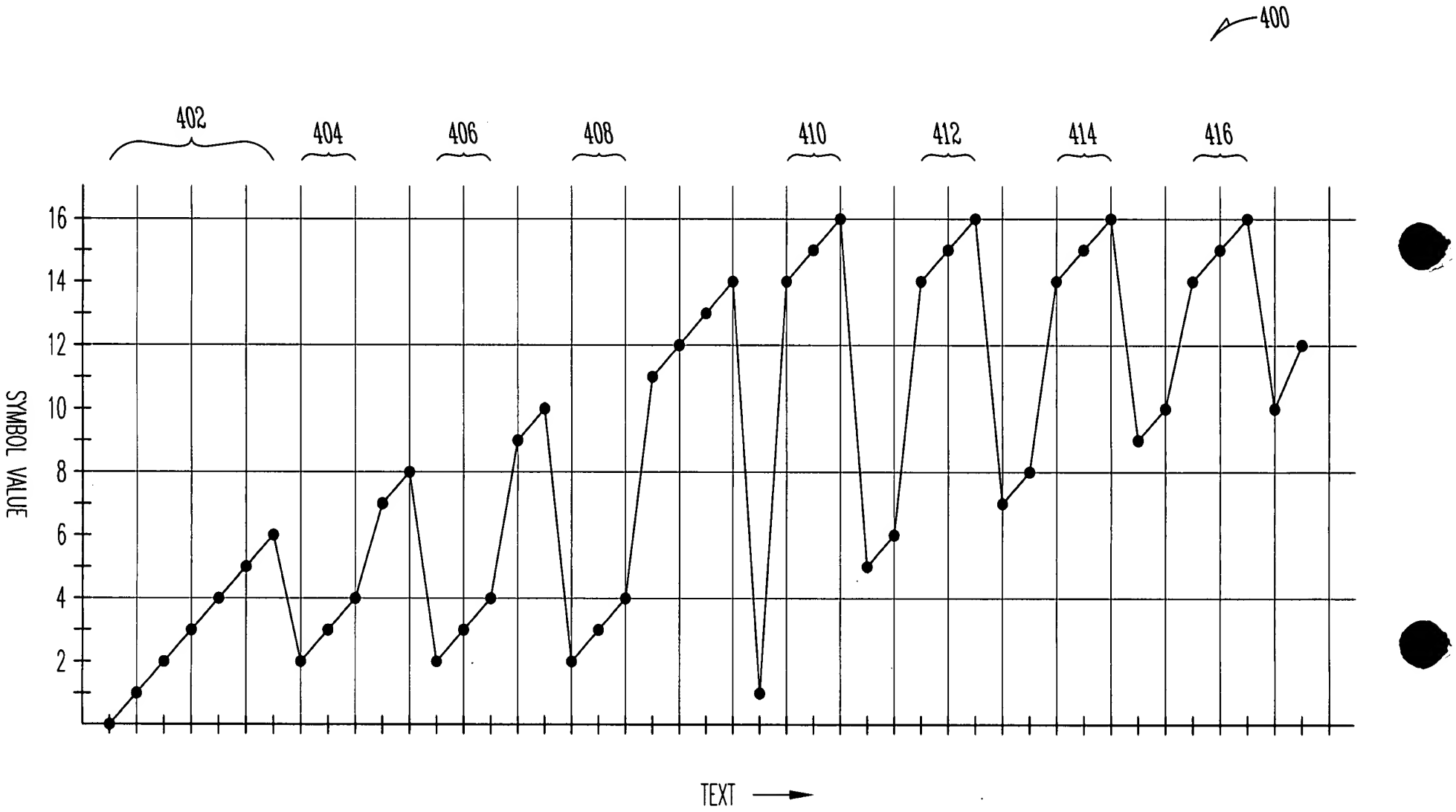
400
402
404
406
408
410
412
414
416
16
14
12
10
8
6
4
2
SYMBOL VALUE
TEXT

Fig. 4

DO6287 "DEST560

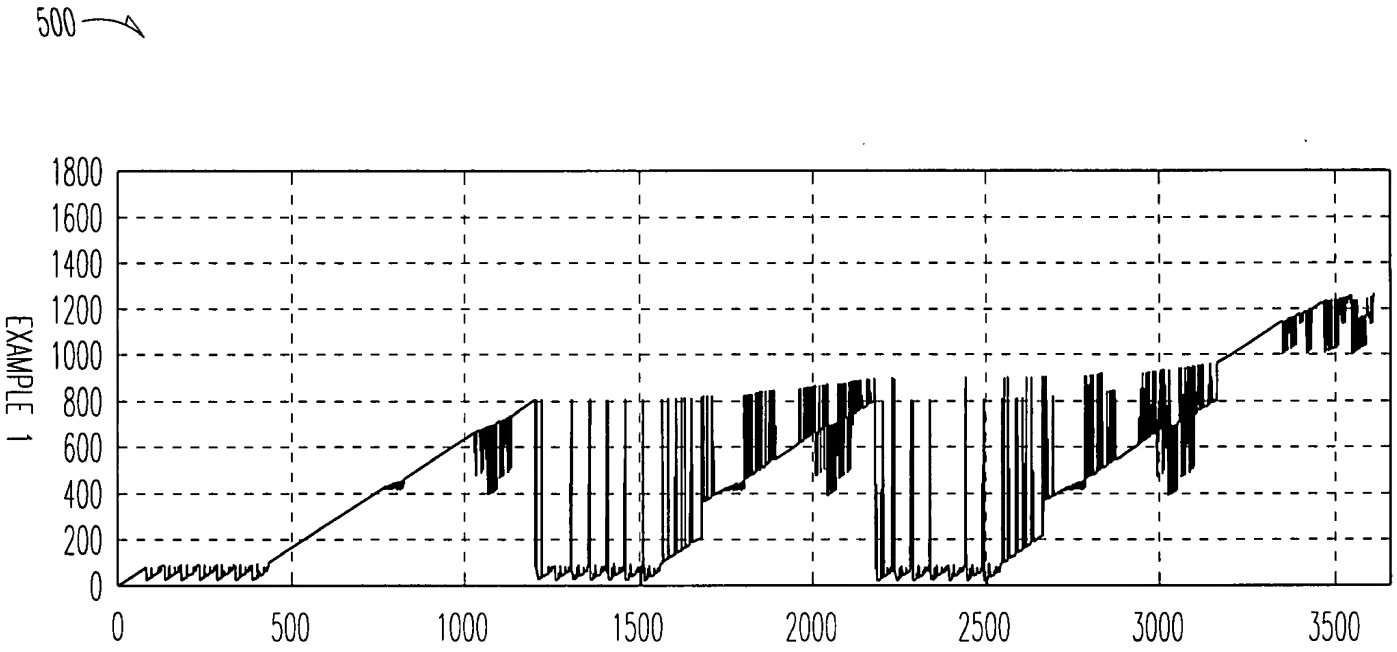

Fig. 5

06327 05575260

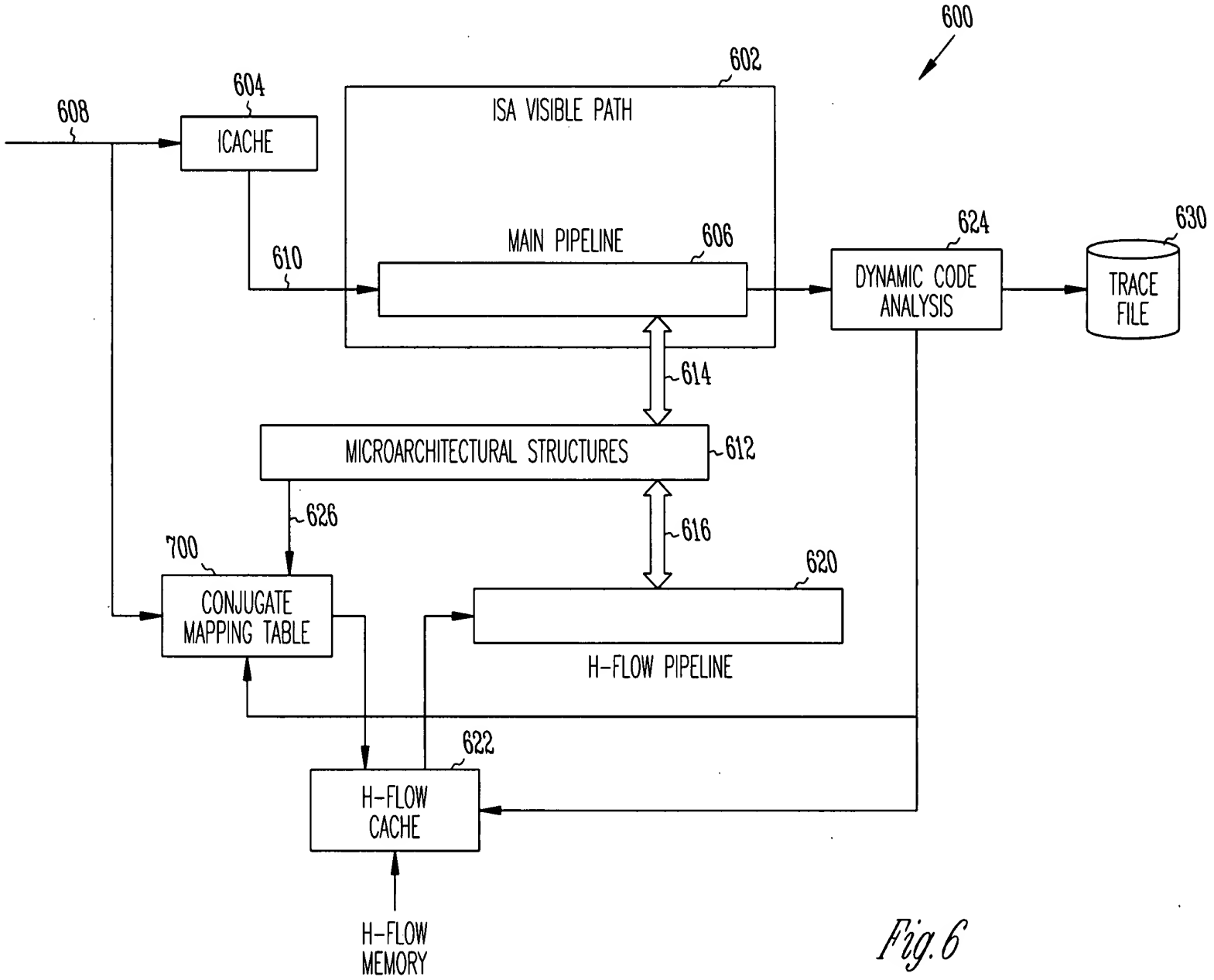

Fig. 6

0627T 05575460

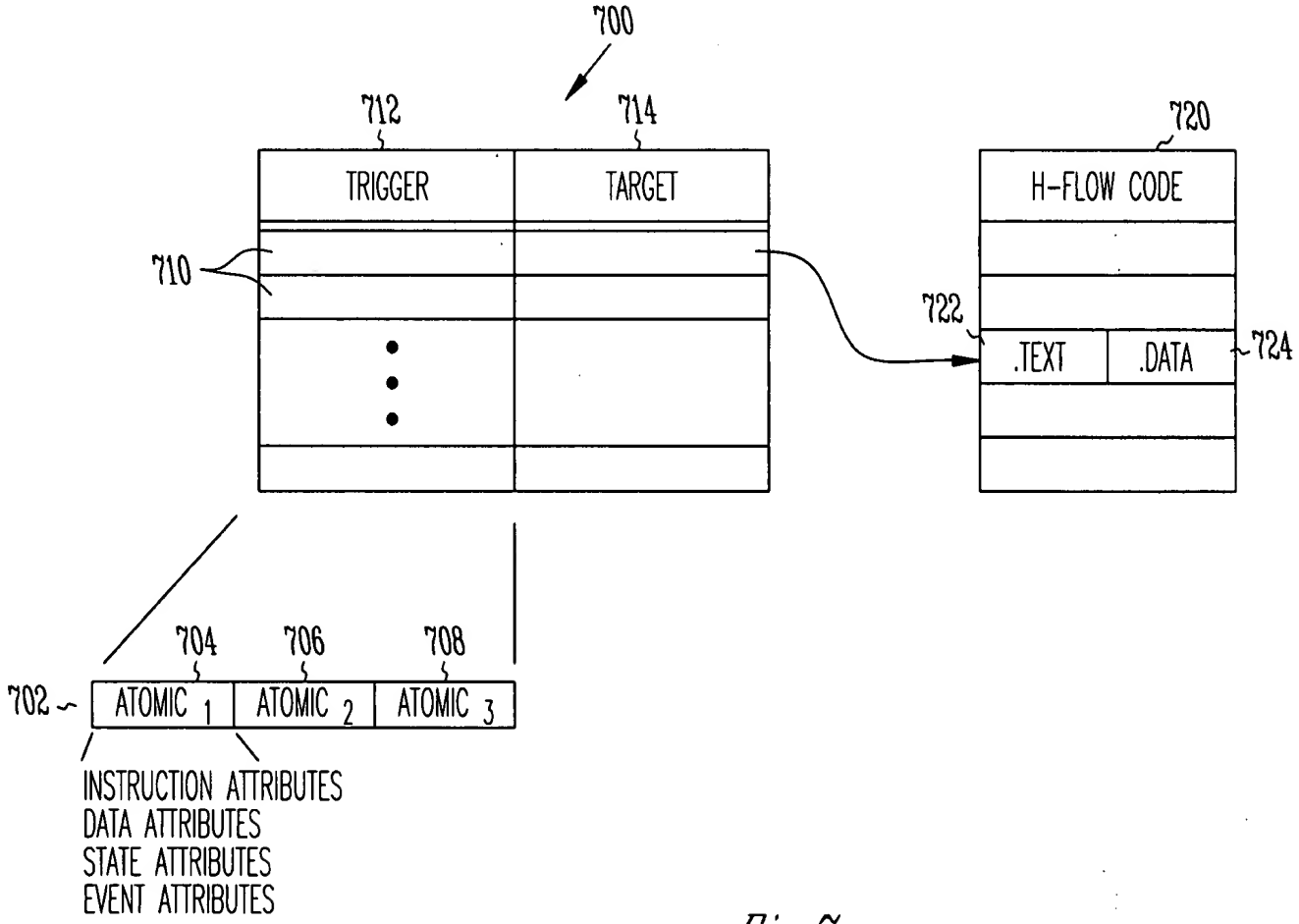

Fig. 7

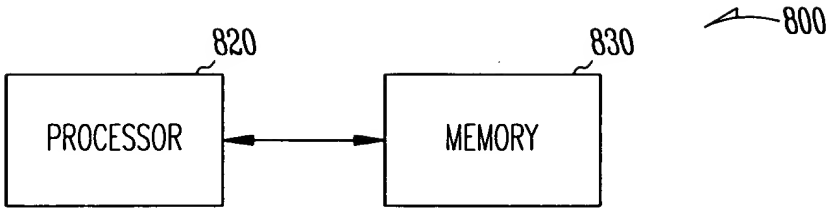

Fig. 8